



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Cessna Model 172 F
Serial 17253005 Registration Number N-5451R
Date of Manufacture 1965

Engine(s) currently installed:

Manufacturer Continental Model O300-D Serial 33038-D-5-D
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCulloch Model EM7653 SA S1016
HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

07/15/2020

CESSNA 172F SERIAL NUMBER 17253005

TCM 0-300-D SERIAL NUMBER 33038-D-5-D

McCAULEY 1C172/EM7653 SERIAL NUMBER S1016

AIRCRAFT TOTAL TIME: 4406.2 TACHOMETER: 810.8 HOBBS: 785.3

ENGINE TOTAL TIME: 4406.2 SINCE MAJOR OVERHAUL: 176.9

N5451R
Aircraft Logbook insert

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. Aircraft is approved for returned to Service.

Performed FAR 91.207 d. Unit is airworthy at this time. Next Compliance due 07/2021. ELT Batteries. Due Nov 2020. Replaced induction air filter Bracket BA-6108. Aircraft operational checks within manufacturers' parameters.

KURT PAUL KORINKO 37724841A

*See AD compliance listing for current status.

-----nothing follows-----

N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 8, 2020

1. REMOVED ALL AVIONICS AND OEM AVIONICS RACK FROM INSTRUMENT PANEL. FABRICATED NEW AVIONICS RACK FROM OWNER PROCURED ALUMINUM SHEET: 0.090" 6061 T6. THE NEW RACK DIMENSIONALLY THE SAME AS OLD. REFERENCE AC43.13-28, CHAPTER 2, PARA. 200; 201 a. thru j.; PARA. 203 a., b. and e. REFERENCE AC43-18 CHG. 2, APPENDIX 1, PG 1 (AND 2): THIS PART DETERMINED TO BE CATEGORY 3; REDUNDANT FAIL-SAFE DUE TO TWO VERTICAL AND PARALLEL LEGS CONNECTED BY INDIVIDUAL MOUNT TRAYS.
2. REMOVED EXISTING KING KMA-24 AUDIO CONTROL PANEL AS INSTALLED PER FAA FORM 337 DATED 22 NOV 04. REFERENCE LINE TITLED: Installed: King KMA 24; and Item 16: stipulates revisions to Instructions for Continued Airworthiness.
3. INSTALLED PS ENGINEERING PMA7000M-S AUDIO CONTROL PANEL, P/N: 7000MS. INSTALLATION PER INTENT OF PS ENGINEERING DOCUMENT P/N: 200-070-0012, REV. 12, DATED SEPTEMBER 2000. REFER TO PARA. 2.4.2, PAGE 2-3, FOR REPLACEMENT OF "Existing KMA-24 Installation".
4. THIS UNIT IS FAA-APPROVED UNDER TSO C50c FOR AUDIO AMPLIFIERS, TSO C35d FOR MARKER BEACON RECEIVERS, AND MEETS APPROPRIATE ENVIRONMENTAL QUALIFICATIONS OUTLINED IN RTCA DO-160C AS APPROPRIATE FOR THIS AIRCRAFT.
5. INSTALLED AUDIO CONTROL PANEL IN INSTRUMENT PANEL: STATION +15.0, BLO.0 USING EXISTING AIRFRAME MOUNT RACK ASSEMBLY AND STANDARD HARDWARE. PERFORMED OPERATIONAL CHECKOUT PER INTENT OF PARA. 2.11.1, PAGE 2-11. PERFORMED FINAL INSPECTION PER INTENT OF PARA. 2.15, PAGE 2-12.
6. CIRCUIT PROTECTION PROVIDED BY A 3 AMP CIRCUIT BREAKER. BREAKER IS LABELED: AUDIO PANEL.
7. ELECTRICAL LOAD ANALYSIS: CONSIDERED NEGLIGIBLE DUE TO REMOVAL OF EXISTING KMA-24 AUDIO PANEL.
- INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: REFER TO PS ENGINEERING DOCUMENT P/N: 200-070-0012, REV. 12, DATED SEPTEMBER 2000; APPENDIX E, SECTION 9.2.
8. WIRE SCHEMATIC PER INTENT OF PS ENGINEERING PMA 7000M-S SERIES APPENDIX C.
9. SEE FAA FORM 337 WITH FIELD APPROVAL DATED DECEMBER 8, 2020.

WORK PERFORMED BY:
JOHN C. LESURE OWNER

John C. Lesure

SUPERVISED AND CERTIFIED BY:
JOHNNIE B. SMITH AP2147691631A

Johnnie B. Smith

N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 9, 2020

INSTALLED THE FOLLOWING AVIONICS AT STATION +15.0 BL 0.0. INTO AVIONICS RACK. POWER PROVIDED BY 12 VDC BUS VIA EXISTING AVIONICS MASTER SWITCH:

1. GARMIN GPS 175 INSTALLED PER INTENT OF STC #SA02636SE. CONFIGURATION, ALIGNMENT, AND POST INSTALLATION PER INTENT OF GARMIN INSTALLATION MANUAL: 190-02207-A1, REV. 4, DATED 07/24/2019. UNIT LABELED AS: #1GPS/ NAV 1. CIRCUIT PROTECTION PROVIDED BY 2 AMP BREAKER. BREAKER LABELED AS #1 GPS. INSTALLED PLACARD IN CLEAR VIEW OF PILOT: IFR. INSTALLED BENDIX/KING KI209 INDICATOR PER INTENT OF INSTALLATION MANUAL #IM 006-00140-0004, REV 4, DATED AUG/2002. INSTALLED GA35/WAAS ANTENNA PER INTENT OF GARMIN DOCUMENT # 190-00848-00, REV F, DATED 7/25/14. ANTENNA INSTALLED ON PREVIOUSLY INSTALLED MOUNT AT STA. +33.0 BL 0.0. ROUTED AND INSTALLED COAX CABLE FROM GPS UNIT TO ANTENNA. SEE FAA FORM 337 DATED DECEMBER 9, 2020.
2. REINSTALLED EXISTING GARMIN 250XL GPS PER INTENT OF GARMIN INSTALLATION MANUAL, DOCUMENT # 190-00067-62, REV E, DATED 3 APRIL 1998. UNIT LABELED AS COM 1/GPS 2. UNIT PROTECTED BY 10 AMP CIRCUIT BREAKER LABELED AS COM 1. FABRICATED AND INSTALLED PLACARD IN CLEAR VIEW OF PILOT: GPS FOR DAY/VFR ONLY. RELOCATED EXISTING GPS ANTENNA TO STA. +130.0 RBL 3.0. INSTALLED AND ROUTED NEW COAX CABLE FROM UNIT TO ANTENNA.
3. REINSTALLED ONE EXISTING NARCO MARK 12D COM/NAV. UNIT PROTECTED BY 7 1/2 AMP BREAKER. BREAKER LABELED AS COM 2.
4. REINSTALLED EXISTING NARCO AT50A TSO TRANSPONDER. UNIT PROTECTED BY 1 1/2 AMP BREAKER. BREAKER LABELED AS TXP.
5. INSTALLED REQUIRED CIRCUIT BREAKERS AT BOTTOM OF AVIONICS RACK. REFERENCE AC43.13-2B, PARA. 207 f. (2) FOR CIRCUIT BREAKER INSTALLATIONS.
6. ALL UNITS WIRED PER PS ENGINEERING PMA 7000 BOTTOM CONNECTOR WIRING, DOCUMENT # 120-070-0204, REV. 4, DATED 07/01/98.

WORK PERFORMED BY:
JOHN C. LESURE OWNER

John C. Lesure

SUPERVISED AND CERTIFIED BY:
JOHNNIE B. SMITH AP214769163

Johnnie B. Smith

2DC8E AFFD4 FFBFF

ACK Technologies Inc
Model E-04 ELT

N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 10, 2020

1. REMOVED EXISTING AMERI-KING ELT MODEL: AK-450 S/N: 469680 FROM AFT AVIONICS SHELF LOCATED AT STA. +125.0 RBL 5.0.
2. REMOVED EXISTING ELT WHIP ANTENNA P/N: 110-324 FROM MOUNT AT STA. +130.0 LBL 3.0.
3. INSTALLED ACK ELT MODEL: E-04 S/N: PER INTENT OF ACK MODEL E-04 ELT INSTALLATION AND OPERATION MANUAL P/N: E04M, REV. 1.9, DATED 03/24/2017, AS FOLLOWS:

- SECTION 2: NEW ELT S/N: 032747 INSTALLED ON EXISTING MOUNTING PROVISIONS LOCATED AT +130.0 RBL 5.0.
- SECTION 3: NEW ANTENNA P/N: E-04.8 INSTALLED ON EXISTING ANTENNA MOUNTING PROVISIONS LOCATED AT STA. +130.0 LBL 3.0. ANTENNA CONNECTED TO ELT USING NEW COAX CABLE FROM INSTALLATION KIT.
- SECTION 4: REMOTE CONTROL P/N: E-04.5 INSTALLED IN INSTRUMENT PANEL STA. +15.0 BL 0.0. INSTALLED NEW DURACELL PX28L INTERNAL BATTERY; EXPIRATION DATE: 12-2030. CONNECTED REMOTE CONTROL UNIT TO ELT USING EXISTING RJ-11 CABLE FROM OLD UNIT.
- SECTION 5: AUDIO ALERT INDICATOR P/N: E-04.7 INSTALLED AT STA. +125.0 LBL 3.0. INSTALLED NEW CR2 INTERNAL BATTERY; EXPIRATION DATE: 12-2030. AUDIO ALERT INDICATOR WIRE TO ELT UNIT VIA RS232 CABLE.
- SECTION 6: GPS INTERFACE NOT UTILIZED.
- SECTION 7: FINAL INSTALLATION AND CHECKOUT PERFORMED. VERIFIED ANTENNA TRANSMISSION ON 121.5 ONLY.
- SECTION 8: REGISTRATION IS PENDING.
- SECTION 9: OPERATION AND SELF TEST COMPLETED USING REMOTE SWITCH.
- SECTION 10: PERIODIC MAINTENANCE/CONTINUING AIRWORTHINESS; NEXT 90 DAY INSPECTION DUE N/L/T MARCH 30, 2021.
- SECTION 11: E-04.0 LITHIUM BATTERY REPLACEMENT; NEXT BATTERY REPLACEMENT DUE N/L/T 8/26/2025.

WORK PERFORMED BY:
JOHN C. LESURE OWNER

John C. Lesure

SUPERVISED AND CERTIFIED BY:
JOHNNIE B. SMITH AP214769163

Johnnie B. Smith

CFR 91.207(d): I CERTIFY THE ABOVE ELT HAS BEEN INSPECTED AND TESTED ON 121.5. NEXT INSPECTION DUE N/L/T DECEMBER 31, 2021.

Johnnie B. Smith

JOHNNIE B. SMITH AP214769163

VAN 2021
DATE

Johnnie B. Amath

(WO: 63838)

YEA

20_ 08/23/2023

DAT CESSNA 172F

TCM 0-300-D

McCauley 1C172/EM7653

AIRCRAFT TOTAL TIME: 4492.2

ENGINE TOTAL TIME: 4492.2

SERIAL NUMBER 172-53005

SERIAL NUMBER 33038-D-5-D

SERIAL NUMBER S1016

TACHOMETER: 896.8

SINCE MAJOR OVERHAUL: 262.9 HOBBS: 898.7

N5451R

Aircraft Logbook insert

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. Aircraft is approved for returned to Service.

Installed 2 new Airhawk 600X6X6plys. Installed 2 new Aeroclassic 6X600 tubes. Replaced right and left brake linings. Removed, cleaned, and replaced brake caliper o-rings. Serviced brake system with MIL-5606. Bled brake system. Performed FAR 91.207 d. Unit is airworthy at this time. Next Compliance due 08/2024. ELT Batteries. Due AUG/2025. Replaced induction air filter Bracket BA-6108. Aircraft operational checks within manufacturers' parameters.

KURT PAUL KORINKO 3772484IA

*See AD compliance listing for current status.

END

YEAR
20RECORDING
TACHTODAY'S
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or

CESSNA 172F

TCM 0-300-D

McCauley 1C172/EM7653

AIRCRAFT TOTAL TIME: 4497.1

ENGINE TOTAL TIME: 4497.1

SERIAL NUMBER 172-53005

SERIAL NUMBER 33038-D-5-D

SERIAL NUMBER S1016

TACHOMETER: 901.7

SINCE MAJOR OVERHAUL: 267.8 HOBBS: 905.2

N5451R

Aircraft Logbook insert

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. Aircraft is approved for returned to Service.

Performed FAR 91.207 d. Unit is airworthy at this time. Next Compliance due 09/2025. ELT Batteries: Due AUG/2025. Replaced induction air filter Bracket BA-6108. Aircraft operational checks within manufacturers' parameters.

KURT PAUL KORINKO 3772484IA

*See AD compliance listing for current status.

9/25/2024

END

